

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|   |   |                      |                      |
|---|---|----------------------|----------------------|
| <b>In re United States Patent Application of:</b> | ) | <b>Docket No.:</b>   | <b>4276-104</b>      |
|   | ) |                      |                      |
| <b>Applicants:</b>                                | ) | <b>Conf. No.:</b>    | <b>8044</b>          |
| <b>GAO, Zhiqiang, et al.</b>                      | ) |                      |                      |
|   | ) |                      |                      |
| <b>Application No.:</b>                           | ) | <b>Art Unit:</b>     | <b>1657</b>          |
| <b>10/577,292</b>                                 | ) |                      |                      |
|   | ) |                      |                      |
| <b>Date Filed:</b>                                | ) | <b>Examiner:</b>     | <b>Ralph Gitomer</b> |
| <b>April 29, 2006</b>                             | ) |                      |                      |
|   | ) |                      |                      |
| <b>Title:</b>                                     | ) | <b>Customer No.:</b> |                      |
| <b>ELECTRICALLY NON-</b>                          | ) |                      |                      |
| <b>CONDUCTIVE,</b>                                | ) |                      |                      |
| <b>NANOPARTICULATE</b>                            | ) |                      |                      |
| <b>MEMBRANE (as amended</b>                       | ) |                      |                      |
| <b>herein)</b>                                    | ) |                      | <b>23448</b>         |

**CERTIFICATE OF EFS FILING**

I hereby certify that this document is being filed via EFS in the United States Patent and Trademark Office on **November 20, 2008**.  
/kelly k. reynolds/

**RESPONSE TO MAY 20, 2008 OFFICE ACTION; AND PETITION FOR THREE  
MONTHS EXTENSION OF TIME IN U.S. PATENT APPLICATION NO. 10/577,292**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This responds to the May 20, 2008 Office Action in the above-identified application.

The time for responding to the May 20, 2008 Office Action without extension was set at three months, or August 20, 2008. Applicants hereby request a three month extension of time under 37 CFR § 1.136 to extend the deadline for response to November 20, 2008. Payment of the \$1,110.00 large entity fee specified in 37 CFR § 1.17(a) is hereby made by online credit card authorization.

Please amend the application specification as set out in **Section I (Amendments to the Specification)**.

Please amend the claims of the above-identified patent application as set out in **Section II (Amendments to the Claims)** hereof.

Remarks concerning the amendments to the specification, claims and the substance of the May 20, 2008 Office Action are set out in **Section III (Remarks)** hereof.

**THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK**